

Appendix:

Park and Recreational Needs per Park Plan 2000

Table A-1. Denny Triangle: Summary of Park, Open Space, and Recreational Needs

Categories	Total Need		Existing	Deficit (By 2025)	Comments
	By 2014 ⁽¹⁾	By 2025 ⁽²⁾			
Village Open Space This includes the acreage of all public parks and private open spaces that are at least 10,000 square feet in size, publicly accessible, and usable for recreation and social activities. Goal: 1 acre/1,000 households + 1 acre/10,000 jobs.	9.3 acres	12.5 acres	2.3 acres	10.2 acres	There are likely to be public open spaces that are less than 10,000 square feet, and thus wouldn't qualify as "Village Open Space." Connections to nearby open spaces outside of Denny Triangle will become increasingly important as density increases.
Neighborhood Park (Village Commons) Public open space of at least one acre. Goal: 1 per Urban Village	1	1	0	1	The plaza under construction at the Federal Courthouse is approximately one acre, but won't function as a "Village Commons" due to the anti-terrorism-related use restrictions.
Community Gardens Goal: 1 per 2,500 households	1	2	0	2	It will be more difficult to provide community gardens in Denny Triangle than in South Lake Union due to the cost of land.
Community Center This is approx. 20,000 sf of indoor space, including a balanced combination of multi-purpose activity and gymnasium space. Goal: 1 within 1-1/2 miles of every household.	0	0	0	0	There are six defined community centers within 1-1/2 miles of parts or all of the planning area. However, these facilities are all on or near hilltops in entirely different neighborhoods and thus difficult to get to.
Indoor Pool Goal: 1 within 2-1/2 miles of every household	0	0	0	0	The Queen Anne Pool is less than 2-1/2 miles from the planning area. However, it is on the hilltop and difficult to get to from the planning area.
Children's Play Area Goal: 1 within 1/2 mile of areas with more than 100-200 resident children	0-1	0-1	0	0	Almost the entire planning area is within 1/2 mile of Cascade Playground. Safe and convenient pedestrian connections to the park, however, are difficult from the Denny Triangle.
Wading Pool/Water Feature Goal: 1 within 2-miles of every household	0-1	0-1	0	0	Nearby water features are located at Westlake Park and Seattle Center.
Soccer Field Goal: 1 within 2-miles of every household	0-1	0-1	0	0	There are existing soccer fields on Queen Anne Hill and Capitol Hill. These areas are difficult to get to from the planning area.
Softball/Youth Baseball Goal: 1 within 2-miles of every household	0-1	0-1	0	0	There are existing softball fields on Queen Anne Hill and Capitol Hill. These areas are difficult to get to from the planning area.
Outdoor Basketball Court Goal: 1 within 1-mile of every household	0-1	0-1	0	0	There are existing basketball courts on Queen Anne Hill and Capitol Hill. These areas are difficult to get to from the planning area.

(1) Need based on population and employment projections in the Comprehensive Plan from 1994 to 2014

(2) Need based on rough estimates of population and employment growth based on the Comprehensive Plan estimates, Heartland Study estimates for South Lake Union, and a continuation of current growth trends over the last 5 years.

Table A-2. South Lake Union: Summary of Park, Open Space, and Recreational Needs

Categories	Total Need		Existing	Deficit (By 2025)	Comments/Strategy
	By 2014 ⁽³⁾	By 2025 ⁽⁴⁾			
Village Open Space This includes the acreage of all public parks and private open spaces that are at least 10,000 square feet in size, publicly accessible, and usable for recreation and social activities. Goal: 1 acre/1,000 households + 1 acre/10,000 jobs.	4.7 acres	16.3 acres	18.5 acres	0 acres	Acreage includes all of South Lake Union Park property even though it is not completely developed yet. These calculations do not include Denny Playfield, which is privately owned and temporary.
Neighborhood Park (Village Commons) Public open space of at least one acre. Goal: 1 per Urban Village	1	1	3	0	South Lake Union Park, Cascade Playground, and Denny Park all meet the definition of a “Village Commons”, but only Cascade Playground functions as one.
Community Gardens Goal: 1 per 2,500 households	1	3	1	2	It will be more difficult to provide community gardens in Denny Triangle than in South Lake Union due to the cost of land.
Community Center This is approx. 20,000 sf of indoor space, including a balanced combination of multi-purpose activity and gymnasium space. Goal: 1 within 1-1/2 miles of every household.	1 within 1-1/2 mile	1 within 1-1/2 mile	0	1 within 1-1/2 mile	There are six defined community centers within 1-1/2 miles of parts or all of the planning area. However, these facilities are all on or near hilltops in entirely different neighborhoods and thus difficult to get to.
Indoor Pool Goal: 1 within 2-1/2 miles of every household	0	0	0	0	The Queen Anne Pool is less than 2-1/2 miles from the planning area. However, it is on the hilltop and difficult to get to from the planning area.
Children’s Play Area Goal: 1 within 1/2 mile of areas with more than 100-200 resident children	1	1	1	0	Almost the entire planning area is within ½ mile of Cascade Playground. Safe and convenient pedestrian connections to the park, however, are difficult from those areas west of Fairview Avenue.
Wading Pool/Water Feature Goal: 1 within 2-miles of every household	0-1	0-1	0	0	A water feature is planned for South Lake Union Park. Nearby water features are located at Westlake Park and Seattle Center.
Soccer Field Goal: 1 within 2-miles of every household	0-1	0-1	0	0	There are existing soccer fields on Queen Anne Hill and Capitol Hill. These areas are difficult to get to from the planning area.
Softball/Youth Baseball Goal: 1 within 2-miles of every household	0-1	0-1	0	0	There are existing softball fields on Queen Anne Hill and Capitol Hill. These areas are difficult to get to from the planning area.
Outdoor Basketball Court Goal: 1 within 1-mile of every household	0-1	0-1	0	0	There are existing basketball courts on Queen Anne Hill and Capitol Hill. These areas are difficult to get to from the planning area.

(3) Need based on population and employment projections in the Comprehensive Plan from 1994 to 2014

(4) Need based on population and employment projections in the Heartland Study.

Table A-3. North Downtown: Summary of Park, Open Space, and Recreational Needs

Categories	Total Need		Existing	Deficit (By 2025)	Comments/Strategy
	By 2014 ⁽⁵⁾	By 2025 ⁽⁶⁾			
Village Open Space This includes the acreage of all public parks and private open spaces that are at least 10,000 square feet in size, publicly accessible, and usable for recreation and social activities. Goal: 1 acre/1,000 households + 1 acre/10,000 jobs.	14 acres	28.8 acres	20.8 acres	8 acres	Obtaining open space acreage will become increasingly difficult as density increases in the planning area.
Village Commons Public open space of at least one acre. Goal: 1 per Urban Village	2	2	3	0	All Village Common spaces are within South Lake Union.
Community Gardens Goal: 1 per 2,500 households	2	5	1	4	It will be more difficult to provide community gardens in Denny Triangle than in South Lake Union due to the cost of land.
Community Center This is approx. 20,000 sf of indoor space, including a balanced combination of multi-purpose activity and gymnasium space. Goal: 1 within 1-1/2 miles of every household.	1 within 1-1/2 mile	1 within 1-1/2 mile	0	1 within 1-1/2 mile	There are six defined community centers within 1-1/2 miles of parts or all of the planning area. However, these facilities are all on or near hilltops in entirely different neighborhoods and thus difficult to get to.
Indoor Pool Goal: 1 within 2-1/2 miles of every household	0	0	0	0	The Queen Anne Pool is less than 2-1/2 miles from the planning area. However, it is on the hilltop and difficult to get to from the planning area.
Children's Play Area Goal: 1 within 1/2 mile of areas with more than 100-200 resident children	1	1	1	0	Almost the entire planning area is within 1/2 mile of Cascade Playground. Safe and convenient pedestrian connections to the park, however, are difficult from outside the Cascade Neighborhood.
Wading Pool/Water Feature Goal: 1 within 2-miles of every household	0	0	0	0	A water feature is planned for South Lake Union Park. Nearby water features are located at Westlake Park and Seattle Center.
Soccer Field Goal: 1 within 2-miles of every household	0	0	0	0	There are existing soccer fields on Queen Anne Hill and Capitol Hill. These areas are difficult to get to from the planning area.
Softball/Youth Baseball Goal: 1 within 2-miles of every household	0	0	0	0	There are existing softball fields on Queen Anne Hill and Capitol Hill. These areas are difficult to get to from the planning area.
Outdoor Basketball Court Goal: 1 within 1-mile of every household	0	0	0	0	There are existing basketball courts on Queen Anne Hill and Capitol Hill. These areas are difficult to get to from the planning area.

(5) Need based on population and employment projections in the Comprehensive Plan from 1994 to 2014

(6) Need based on rough estimates of population and employment growth based on the Comprehensive Plan estimates, Heartland Study estimates for South Lake Union, and a continuation of current growth trends over the last 5 years in Denny Triangle.

Table A-4. Village Open Space Acreage Required for Residential Population

	Denny Triangle	South Lake Union	North Downtown Total
1994 Units	1,038	514	1,552
1994 Open Space Goal per Units ¹	1 acre	0.5 acre	1.6 acres
Existing Village Open Space ²	2.3 acres	18.5 acres	20.8 acres
Projected 2014 Units per Seattle Comp Plan	4,713	2,214	6,927
2014 Open Space Goal per Projection	4.7 acres	2.2 acres	6.9 acres
Open Space Needed by 2014 to Meet Goal	2.4 acres	0	0
Projected Total Units by 2025	6,913 ³	12,000 ⁴	18,913
2025 Open Space Goal per projection	6.5 acres	12 acres	18.9 acres
Open Space Needed by 2025 to Meet Goal	4.6 acres	0	0

Notes:

1. Goal as stated in the Seattle Parks and Recreation Plan 2000 is 1 acre per 1,000 households. Since household numbers were unavailable, unit numbers are used as a substitute.
2. Village Open Space is defined in the Seattle Parks and Recreation Plan 2000 as a dedicated open space of at least 10,000 square feet in size, publicly accessible, and usable for recreation and social activities
3. Estimates based on continuing the same growth rate as projected by the Seattle Comprehensive Plan for the period between 1994 and 2014, which was 184 new units per year.
4. Based on Heartland's projections in the South Lake Union Capacity Model memo dated October, 2003.

Based on recently completed projects, projects under construction, and planned projects, the residential growth rate projection for Denny Triangle from the Seattle Comprehensive Plan is reasonably accurate (184 new units per year). Based on current land use permit information from Seattle City Light, approximately 850 dwelling units have been completed or under construction; Another 1,294 in the development pipeline projected for construction by 2008. Based on Heartland's research concluding substantially higher residential growth rates in South Lake Union and the continued availability of developable land in Denny Triangle, the continued residential growth rate of 184 new dwelling units per year out to 2025 seems conservative, but realistic. Based on an increase in amenities (transit improvements, environmental improvements associated with new development, and park improvements in neighboring SLU), it is reasonable to expect the residential growth rate between 2014 and 2025 to be higher – perhaps up to 250 dwelling units per year.

Table A-5. Village Open Space Acreage Required for Employment Populations

	Denny Triangle	South Lake Union	North Downtown Total
1994 Jobs	22,010	19,018	41,028
1994 Open Space Goal per Jobs ₁	2.2 acres	1.9 acre	1.6 acres
Existing Village Open Space ₂	2.3 acres	18.5 acres	20.8 acres
Projected 2014 Jobs per Seattle Comp Plan	45,610	23,518	69,128
2014 Open Space Goal per Projection	4.6 acres	2.4 acres	6.9 acres
Open Space Needed by 2014 to Meet Goal	2.3 acres	0	0
Projected Total Jobs by 2025 _{3 and 4}	56,610 ₃	43,000 ₄	99,610_{3 and 4}
2025 Open Space Goal per projection	5.6 acres	4.3 acres	9.9 acres
Open Space Needed by 2025 to Meet Goal	3.3 acres	0 acres	0

Notes:

1. Goal as stated in the Seattle Parks and Recreation Plan 2000 is 1 acre per 10,000 employees.
2. Village Open Space is defined in the Seattle Parks and Recreation Plan 2000 as a dedicated open space of at least 10,000 square feet in size, publicly accessible, and usable for recreation and social activities
3. Denny Triangle employment estimates based on continuing the same growth rate as projected by the Seattle Comprehensive Plan for the period between 1994 and 2014, which was approximately 1,000 new jobs per year.
4. South Lake Union employment estimates based on Heartland's projections in the South Lake Union Capacity Model memo dated October, 2003.

TableA- 6. Village Open Space Acreage Required for Residential and Employment Populations

	Denny Triangle	South Lake Union	North Downtown Total
1994 Open Space Goal for Households and Jobs ₁	3.2 acres	2.4 acres	5.6 acres
Existing Village Open Space ₂	2.3 acres	18.5 acres	20.8 acres
2014 Open Space Goal per Projected Jobs and Households ₃	9.3 acres	4.7 acres	14 acres
Open Space Needed by 2014 to Meet Goal	7.0 acres	0	0
2025 Open Space Goal per Projected Jobs and Households _{4 and 5}	12.5 acres ₄	16.3 acres ₅	28.8 acres_{4 and 5}
Open Space Needed by 2025 to Meet Goal	10.2 acres	0 acres	8 acres

Notes:

1. Goal as stated in the Seattle Parks and Recreation Plan 2000 is 1 acre per 1,000 residents plus 1 acre per 10,000 employees.
2. Village Open Space is defined in the Seattle Parks and Recreation Plan 2000 as a dedicated open space of at least 10,000 square feet in size, publicly accessible, and usable for recreation and social activities
3. Projections are from the Seattle Comprehensive Plan, 1994.
4. Denny Triangle estimates based on continuing the same growth rate as projected by the Seattle Comprehensive Plan for the period between 1994 and 2014, which was approximately 184 new residential units per year plus 1,000 new jobs per year.
5. South Lake Union estimates based on Heartland's projections in the South Lake Union Capacity Model memo dated October, 2003.